| Index of Claims   | Application No.    | Applicant(s)  |  |  |  |  |  |
|---|--------------------|---------------|--|--|--|--|--|
|   | 10/706,390         | TAYLOR ET AL. |  |  |  |  |  |
|   | Examiner           | Art Unit      |  |  |  |  |  |
| 88%81 11817 88117 18871 88118 81188 1 <u>1</u> 118 1837 8831 1881 | Steven H. VerSteeg | 1753          |  |  |  |  |  |

| <b>√</b> | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | A | <ul> <li>Appeal</li> </ul> |
|----------|----------|---|--------------------------------|---|--------------|---|----------------------------|
| =        | Allowed  | ÷ | Restricted                     |   | Interference | 0 | Objected                   |

| Cla          | im       |          |          |          |           | Date     | 9        | ·               |          |          |   | Cla                    | im       |          |          |                   | D        | ate      |          |          |          |           |     | Cla   | aim        |  |          |  |          | Date      | <del></del>     |          |           |   |
|--------------|----------|----------|----------|----------|-----------|----------|----------|-----------------|----------|----------|---|------------------------|----------|----------|----------|-------------------|----------|----------|----------|----------|----------|-----------|-----|-------|------------|--|----------|--|----------|-----------|-----------------|----------|-----------|---|
| _            | <u>a</u> | 2        | 2        | 5        |           |          |          |                 |          |          |   | _                      | <u> </u> |          |          |                   |          |          |          |          | -        |           |     | -     | al         |  |          |  |          |           |                 |          |           | ï |
| Final        | Original | 2/17/05  | 5/10/05  | 10/5/05  |           |          |          |                 |          |          |   | Final                  | Original |          |          |                   |          |          |          |          |          | l         |     | Finaî | Original   |  |          |  |          |           |                 | ·        |           |   |
| "            | ō        | 72       | 5        | 유        |           |          |          |                 |          | ١        |   | ╽╙╴╽                   | ō        |          |          |                   |          |          |          |          |          |           |     | ш     | Ö          |  |          |  |          |           |                 |          |           |   |
|              | 1        | =        | 7        | 1        |           | $\dashv$ |          | Н               | $\vdash$ | 一        |   |                        | 51       | -        | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | -        | -+       |          | ⊣         |     |       | 101        | <del> </del>                                     | -        | ┢  |          |           |                 | $\dashv$ | -         |   |
|              | 2        | =        | 7        | 1        | $\exists$ |          | -        | Н               | $\dashv$ | 一        |   |                        | 52       | $\dashv$ | +        | 7                 | 1        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | ╌┤        |     | -     | 102        | <del>                                     </del> |          | H  | -        |           |                 |          | $\dashv$  |   |
| -            | 8        | =        |          |          |           |          |          | П               |          | $\neg$   |   |                        | 53       | $\neg$   | $\dashv$ | 寸:                | _        | $\dashv$ | $\dashv$ | _        | 一        | ᅥ         |     |       | 103        | ┢  | ┢        | ┢  |          |           | _               | $\dashv$ |           |   |
|              | 4        | =        | 1        | 1        |           |          |          |                 |          |          |   |                        | 54       |          |          |                   | 寸        |          |          |          | T        |           |     |       | 104        |  |          |  |          |           | П               |          | $\neg$    | - |
|              | 5        | н        | 4        | 1        |           |          |          |                 |          |          |   |                        | 55       |          |          |                   |          |          |          |          |          |           |     |       | 105        |  |          |  |          |           |                 |          |           |   |
|              | 6        | =        | 1        | ٧        |           |          |          | Ш               |          | · ·      |   |                        | 56       |          |          |                   |          |          |          |          |          |           |     |       | 106        |  |          |  |          |           |                 |          |           |   |
|              | 7        | =        | 1        | 1        |           | $\Box$   | Ш        |                 |          | ᅼ        |   |                        | 57       |          |          | _                 | 4        | _        | _        | 4        | _        | _         |     |       | 107        |  | _        | 匚  |          | Ш         |                 |          | _         |   |
| <u> </u>     | .9       | = √      | 7        | 1        | -         |          |          | Н               |          |          |   |                        | 58       | $\vdash$ | $\dashv$ | -                 | -        | $\dashv$ |          | $\dashv$ | _        | $\dashv$  |     |       | 108        |  | _        | <u> </u>   |          |           |                 |          | $\dashv$  |   |
| <b></b>      | 70       | 7        | V        | 1        | -         | $\dashv$ | _        | $\vdash$        |          |          |   |                        | 59<br>60 | $\vdash$ | $\dashv$ | $\dashv$          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 109<br>110 | <u> </u>   | ├-       | ├  | _        | _         |                 |          | $\dashv$  | _ |
|              | 11       | 1        | 1        | 1        | $\dashv$  |          | $\vdash$ | $\vdash$        |          | $\dashv$ |   | $\vdash$               | 61       | $\vdash$ | $\dashv$ | +                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           | . } |       | 111        | -  | -        | $\vdash$   | -        | H         | $\vdash \vdash$ | $\vdash$ | $\dashv$  | _ |
|              | 12       | 0        | 7        | 1        | $\dashv$  | $\dashv$ | Н        | $\vdash$        | $\vdash$ | $\dashv$ |   |                        | 62       | H        | +        | $\dashv$          | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | ᅴ         |     |       | 112        |  | $\vdash$ | <del>                                     </del> | $\vdash$ | Н         | $\vdash$        | $\vdash$ | $\dashv$  | _ |
|              | 13       | 0        | 1        | 1        | $\dashv$  |          |          | $\vdash$        |          | $\dashv$ |   |                        | 63       | $\vdash$ | 一        | 7                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 113        | -  |          | $\vdash$   |          | $\vdash$  |                 | $\vdash$ | $\dashv$  | _ |
|              | 14       | 7        | 1        | 7        |           |          |          |                 |          |          |   |                        | 64       |          |          | _†                |          |          |          |          | $\dashv$ | $\dashv$  |     |       | 114        |  |          |  |          |           |                 |          | $\dashv$  |   |
|              | 15       | 1        | 1        | 1        |           |          |          |                 |          |          |   |                        | 65       |          |          |                   |          |          |          |          |          |           |     |       | 115        |  |          |  |          |           |                 |          |           |   |
|              | 16       | 1        |          | 1        |           |          |          |                 |          |          |   |                        | 66       |          |          | $\Box$            |          | $\Box$   | I        | I        |          |           |     |       | 116        |  |          |  |          |           |                 |          |           |   |
| L            | 17       | 1        | 7        | 1        |           | Щ        | Щ        | Ш               | $\sqcup$ | _        |   | <u> </u>               | 67       | $\Box$   | _[       | _                 | [        |          | $ \bot $ | _[       | _        | _         |     |       | 117        | <u> </u>   |          |  |          |           |                 | ·        |           |   |
|              | 18       | =        | 1        | 1        | _         |          |          | Ш               |          |          |   |                        | 68       | $\Box$   | $\dashv$ | $\dashv$          | $\dashv$ | _        | _        | _        | _        | _         |     |       | 118        |  | <u> </u> | L  |          |           |                 |          |           |   |
|              | 19<br>20 |          |          |          | -         |          |          | Н               |          |          |   |                        | 69       | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |          |          | -        |          | $\dashv$  |     |       | 119        | <u> </u>   | ┡        | _  |          |           |                 | $\dashv$ | $\dashv$  |   |
|              | 21       |          |          |          | $\dashv$  | $\dashv$ | _        | $\vdash$        | $\dashv$ |          |   | $\vdash$               | 70<br>71 | $\dashv$ | -+       | $\dashv$          | -+       |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 120<br>121 | -  | ├        | ⊢  |          |           |                 |          | $\dashv$  |   |
|              | 22       | -        |          |          | $\dashv$  | $\dashv$ |          | Н               | $\vdash$ | $\dashv$ |   | $\vdash \vdash \vdash$ | 72       | $\dashv$ | $\dashv$ | -+                | -+       | -        | $\dashv$ | $\dashv$ | -        |           | ŀ   |       | 122        | _  | $\vdash$ | ┢  |          |           |                 | $\dashv$ |           |   |
| $\vdash$     | 23       |          |          |          |           |          |          | Н               |          | $\neg$   | i | $\vdash$               | 73       | $\vdash$ | -        | 十                 | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | ŀ   |       | 123        | -  | ┢        | 一  |          |           |                 |          | $\dashv$  | - |
|              | 24       |          |          |          |           |          |          | М               |          |          |   | <b></b>                | 74       |          | $\dashv$ | 7                 | $\dashv$ | _        |          | $\dashv$ | _        | ┪         | ı   |       | 124        |  | $\vdash$ | t  |          |           |                 |          | $\dashv$  |   |
|              | 25       |          |          |          |           |          |          |                 |          |          |   |                        | 75       |          |          |                   | 寸        | $\neg$   |          | $\neg$   |          | ╗         | ı   |       | 125        | П  | Г        | T  |          |           |                 |          | $\exists$ |   |
|              | 26       |          |          |          |           |          |          |                 |          |          | į |                        | 76       |          |          |                   | $\Box$   |          |          |          |          |           |     |       | 126        |  |          |  |          |           |                 |          |           |   |
| <u> </u>     | 27       |          |          |          |           |          |          | Щ               |          | _        |   |                        | 77       |          |          |                   | _        | _        | _        |          | _        | _         |     |       | 127        |  |          |  |          |           |                 |          |           |   |
|              | 28       |          |          |          |           | _        |          | Щ               |          | _        |   | ļ                      | 78       |          | _        | 4                 | 4        | 4        | _        | _        | ᆜ        |           |     |       | 128        | <u> </u>   | <u> </u> |  |          |           |                 |          |           |   |
|              | 29<br>30 |          |          |          |           | _        |          | Н               | $\Box$   | _        |   |                        | 79       |          | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ |          | -        |          | _         |     |       | 129        |  |          | <u> </u>   |          |           | _               |          | _         |   |
| -            | 31       |          | -        | -        | -         |          |          | Н               |          |          |   | $\vdash$               | 80<br>81 | $\dashv$ | $\dashv$ | $\dashv$          | -        | -+       | ᅪ        | -        |          | $\dashv$  | - } |       | 130<br>131 | _  | -        | -  |          |           |                 | $\dashv$ | $\dashv$  |   |
|              | 32       |          | -        | $\dashv$ | $\dashv$  | -        |          | Н               | $\dashv$ | $\dashv$ |   | $\vdash$               | 82       | $\dashv$ | $\dashv$ | -+                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 132        | <del> </del>                                     | ⊢        |  |          |           | -               | $\dashv$ | $\dashv$  |   |
|              | 33       |          |          | $\dashv$ | $\dashv$  |          |          | Н               |          | 一        |   |                        | 83       | $\dashv$ |          | -+                | $\dashv$ | $\dashv$ | +        | +        | -        | $\dashv$  | 1   |       | 133        | _  | -        | $\vdash$   |          | Н         | Н               |          |           |   |
|              | 34       |          |          |          | $\dashv$  |          |          | Н               |          | $\dashv$ |   | $\vdash$               | 84       | $\dashv$ | 一        | $\forall$         | $\dashv$ | $\dashv$ | $\dashv$ | +        | ᅱ        | ᅱ         | ł   |       | 134        | _  | _        | $\vdash$   |          | $\vdash$  | $\vdash$        | -        | $\dashv$  |   |
|              | 35       |          |          |          |           |          |          |                 |          | ╛        |   |                        | 85       |          | 1        | $\dashv$          |          | $\neg$   | ┪        | 7        | 7        | $\dashv$  | Ì   |       | 135        |  |          | $\vdash$   |          |           | H               |          | $\dashv$  | _ |
|              | 36       |          |          |          |           |          |          |                 |          |          |   |                        | 86       |          |          |                   |          |          |          |          | ╛        | ╛         |     |       | 136        |  |          |  |          |           |                 |          |           |   |
|              | 37       |          |          |          |           |          |          | Ш               |          |          |   |                        | 87       | $\Box$   | $\Box$   | $oldsymbol{\bot}$ |          |          | Į        | J        | $\Box$   |           | [   |       | 137        |  |          |  |          |           |                 |          |           |   |
| L            | 38       | Щ        | Ш        | ļ        | _         |          |          | $\sqcup$        |          | Ц        |   |                        | 88       |          | [        | _                 | $\Box$   |          | $ \bot $ | $\prod$  | $\Box$   | $\Box$    |     |       | 138        |  | L        |  |          |           |                 |          |           |   |
| ļ            | 39       |          | <u> </u> |          | _         | _        |          | $\square$       | _        | 4        |   |                        | 89       |          | _        | $\downarrow$      | 4        |          | _        | 4        | _        |           | ļ   |       | 139        |  | <u> </u> | $\vdash$   | Ш        | $\square$ | $\sqcup$        |          |           |   |
| <u> </u>     | 40       |          | $\vdash$ | $\dashv$ | $\dashv$  |          |          | $\vdash \vdash$ | $\dashv$ | ᅴ        |   |                        | 90       | $\dashv$ | -        | $\dashv$          | -        | -        | 4        |          | 4        | $\dashv$  |     |       | 140        | <u> </u>   | <u> </u> | <u> </u>   |          | Ш         | $\vdash \dashv$ | $\Box$   |           | _ |
| $\vdash$     | 41       | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$  | -        | $\vdash$ | $\vdash \dashv$ |          | $\dashv$ |   |                        | 91<br>92 | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | $\dashv$  | ł   |       | 141<br>142 |  | $\vdash$ | $\vdash$   |          | Н         | $\vdash \vdash$ | $\dashv$ | _         | _ |
| $\vdash$     | 43       | Н        | $\dashv$ | $\dashv$ | $\dashv$  |          | $\vdash$ | $\vdash$        | -        | $\dashv$ |   |                        | 93       | $\dashv$ | $\dashv$ | +                 | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  | ł   |       | 143        | _  | $\vdash$ | -  | H        | Н         | $\vdash$        | $\dashv$ |           | _ |
|              | 44       | $\vdash$ | $\dashv$ | $\dashv$ | $\neg$    |          |          | H               | $\dashv$ | ۲        |   |                        | 94       | $\vdash$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 144        | _  | $\vdash$ | +-   |          | $\vdash$  | $\vdash$        | $\vdash$ | $\dashv$  | - |
|              | 45       | $\sqcap$ | $\dashv$ | $\dashv$ | $\neg$    | -        |          |                 | $\dashv$ | ᅥ        |   |                        | 95       |          | $\dashv$ | $\forall$         | $\dashv$ | $\dashv$ | 寸        | 7        | $\dashv$ | ᅱ         | ł   |       | 145        |  | $\vdash$ |  | -        | H         | $\vdash$        | $\dashv$ | $\dashv$  | - |
|              | 46       |          |          | $\neg$   |           | $\dashv$ |          |                 | 一        | ᅦ        |   |                        | 96       |          | $\dashv$ | $\top$            | $\dashv$ | ヿ        | 7        | 7        | $\dashv$ | $\dashv$  | l   |       | 146        |  | Г        |  | _        | $\vdash$  |                 | $\vdash$ | $\dashv$  | _ |
|              | 47       |          |          |          |           |          |          |                 |          |          |   |                        | 97       |          |          |                   | ╛        | ╛        | J        |          | J        | $\exists$ | •   |       | 147        |  |          |  |          |           |                 | $\Box$   |           |   |
|              | 48       |          |          |          | $\Box$    |          |          |                 |          |          |   |                        | 98       |          |          |                   |          |          |          |          |          |           | I   |       | 148        |  |          |  |          |           |                 |          | ╛         |   |
| $oxed{oxed}$ | 49       |          | $\Box$   | _        | [         |          |          | Ш               | $\Box$   | _]       |   |                        | 99       | $\Box$   | $\bot$   | $\bot$            | $\bot$   |          | $\Box$   | $\Box$   | $\Box$   |           | [   |       | 149        |  | 匚        |  |          |           |                 |          |           |   |
| Щ.           | 50       |          |          | 1        |           |          |          | Ш               |          | ┙        |   |                        | 100      |          |          |                   | $\perp$  |          |          |          |          |           | l   |       | 150        | _  | <u>L</u> |  |          |           | Ш               |          | $\sqcup$  |   |